## INTERNATIONAL SEARCH REPORT

Internation pplication No PCT/GB 03/04914

A. CLASS IPC 7	F16K11/10 F04D27/02 F16K11/	044 F16K17/04							
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)									
IPC 7 F16K G05D F04D F02C F01D									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)									
EPO-In		•							
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.						
Х	FR 2 158 688 A (MESSIER HISPANO : 15 June 1973 (1973-06-15)	SA)	1						
Y	claim 1; figures		9						
X	GB 995 535 A (HOERBIGER VENTILWEI	RKE AG)	10						
Y	16 June 1965 (1965-06-16) page 2, line 66 -page 3, line 9; figure 1		9						
X	US 4 674 526 A (ATHANASSIU CHRIST 23 June 1987 (1987-06-23) claim 1; figures 2,3	1 .							
Α	US 6 308 724 B1 (CABRERA MARIO D 30 October 2001 (2001-10-30) column 7, line 14 - line 58; figu	1,9,10							
!	·								
Furt	ner documents are listed in the continuation of box C.	χ Patent family members are listed in	n annex.						
° Special categories of cited documents :									
consid	ent defining the general state of the art which is not ered to be of particular relevance	"T" later document published after the inten or priority date and not in conflict with to died to understand the principle or the invention	ne application but						
*E* earlier document but published on or after the international filling date  "X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to									
*L* document which may throw doubts on priority claim(s) or which is called to establish the publication date of another cliation or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other special reason (as specified)  *O* document referring to an oral disclosure, use, exhibition or other special reason (as specified)  *O* document is combined with one or more other such document is combined with one or more other suc									
other n	neans ent published prior to the international filling date but	e other such docu- s to a person skilled							
Date of the actual completion of the international search  Date of mailing of the international search									
17 March 2004 24/03/2004									
Name and mailing address of the ISA		Authorized officer							
European Patent Office, P.B. 5818 Patentlaan 2     NL - 2280 HV Rijswijk     Tol (131.70) 240.000 To 04.000 To									
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Lanel, F-B							



ernatio Applicat

Information on patent family members

## Internation No PCT/GB 03/04914

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
FR 2158688	Α	15-06-1973	FR	2158688 A5	15-06-1973
GB 995535	Α	16-06-1965	AT	240122 B	10-05-1965
US 4674526	Α	23-06-1987	NONE		
US 6308724	B1	30-10-2001	US AU BR CA CN EP WO	6105598 A 5754901 A 0106425 A 2378167 A1 1380904 T 1287287 A2 0186194 A2	22-08-2000 20-11-2001 09-04-2002 15-11-2001 20-11-2002 05-03-2003 15-11-2001